Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

43 — 12

Proceedings of the American Academy of Arts and Sciences.

VOL. XLIII. NO. 12. — DECEMBER, 1907.

CONTRIBUTIONS FROM THE CHEMICAL LABORATORY OF HARVARD COLLEGE.

A REVISION OF THE ATOMIC WEIGHT OF LEAD.

PRELIMINARY PAPER. — THE ANALYSIS OF LEAD CHLORIDE.

BY GREGORY PAUL BAXTER AND JOHN HUNT WILSON.

(Continued from page 3 of Cover.)

VOLUME 43.

1. MORSE, H. W. — Studies on Fluorite: (IV.) The Kathodo-Luminescence of Fluorite. pp. 1–16. 1 pl. June, 1907. 35c.
2. GREENMAN, J. M. — (I.) New Species of *Senecio* and *Schoenocaulon* from Mexico; (II) ROBINSON, B. L. — New or otherwise Noteworthy Spermatophytes, chiefly from Mexico; (III.) ROBINSON, B. L., and BARTLETT, H. H. — New Plants from Gautemala and Mexico collected chiefly by C. C. Deam; (IV.) FERNALD, M L. — Diagnoses of New Spermatophytes from New Mexico pp. 17–68. June, 1907. 50c.
3. MARK, E. L., and COPELAND, M. — Maturation Stages in the Spermatogenesis of Vespa Maculata Linn. pp. 69–74. June, 1907. 15c.
4. BELL, L. — The Physiological Basis of Illumination. pp. 75–96. September, 1907. 30c.
5. PEIRCE, B. O. - On the Determination of the Magnetic Behavior of the Finely Divided Core of an Electromagnet while a Steady Current is being Established in the Exciting Coil. pp. 97–182. September, 1907. $1.20.
6. SHUDDEMAGEN, C. L. B. — The Demagnetizing Factors for Cylindrical Iron Rods. pp. 183–256. September, 1907. $1.15.
7. LEWIS, G. N — Outlines of a New System of Thermodynamic Chemistry. pp. 257–293. October, 1907. 40c.
8. SANGER, C. R., and BLACK, O. F. — The Quantitative Determination of Arsenic by the Gutzeit Method. pp. 295–324. 2 pl October, 1907. 40c.
9. SANGER, C. R., and BLACK, O. F. — The Determination of Arsenic in Urine. pp. 325–340. October, 1907. 25c.
10. RICHARDS, T. W., and WREDE, F. — The Transition Temperature of Manganous Chloride: A New Fixed Point in Thermometry. pp. 341–350. November, 1907. 20c.
11. KENT, N. A., and AVERY, A. H. — Difference in Wave-Lengths of Titanium λλ 3900 and 3913 in Arc and Spark. pp. 351–361. November, 1907. 25c.
12. BAXTER, G. P., and WILSON, J. H. — A Revision of the Atomic Weight of Lead. Preliminary Paper. — The Analysis of Lead Chloride. pp. 363–373. December, 1907. 15c.

Proceedings of the American Academy of Arts and Sciences.

VOL. XLIII. No. 12. — DECEMBER, 1907.

CONTRIBUTIONS FROM THE CHEMICAL LABORATORY OF HARVARD COLLEGE.

A REVISION OF THE ATOMIC WEIGHT OF LEAD.

PRELIMINARY PAPER. — THE ANALYSIS OF LEAD CHLORIDE.

BY GREGORY PAUL BAXTER AND JOHN HUNT WILSON.